APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/430,207	10/29/1999	GREG G. KABENJIAN	98-0862	6923

32718   7590   10/07/2003

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EXAMINER
DARROW, JUSTIN T

ART UNIT	PAPER NUMBER
2132	

DATE MAILED: 10/07/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/430,207	KABENJIAN
	Examiner	Art Unit	
	Justin T. Darrow	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on _____ .

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-64* is/are pending in the application.

     4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-64* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on *10/29/2003* is/are: a)☐ accepted or b)☐ objected to by the Examiner.

     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

     If approved, corrected drawings are required in reply to this Office action.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

     a)☐ All b)☐ Some * c)☐ None of:

         1.☐ Certified copies of the priority documents have been received.

         2.☐ Certified copies of the priority documents have been received in Application No. _____ .

         3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

     * See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

     a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)   4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .

2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)   5) ☐ Notice of Informal Patent Application (PTO-152)

3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) *2* .   6) ☐ Other: .

DETAILED ACTION

1.   Claims 1-64 have been examined.

Drawings

2.   The drawings filed on 10/29/1999 are acceptable subject to correction of the informalities

indicated on the attached "Notice of Draftperson's Patent Drawing Review," PTO-948. Formal

drawings with corrections must be made in reply to this Office action. See 37 CFR 1.85(a).

Claim Rejections - 35 USC § 112

3.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the
> subject matter which the applicant regards as his invention.

4.   Claim 16 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for

failing to particularly point out and distinctly claim the subject matter which applicant regards as

the invention.

        Claim 16 recites the limitation "said functions" in line 2. There is insufficient antecedent

basis for this limitation in the claim because only function is recited base claim 1. This rejection

can be overcome by deleting "said" in line 2.

Claim Rejections - 35 USC § 102

5.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

6.   Claims 1-64 are rejected under 35 U.S.C. 102(e) as being anticipated by Bowman-Amuah, U.S. Patent No. 6,578,068 B1.

As per claims 1 and 20, Bowman-Amuah discloses a method and a program of instructions for enabling a function of an information handling system configured for communication with a central system via a communication link, comprising:

Providing communication between the information handling system and the central system via the communication link (see column 10, lines 55-57; figure 1, item 134; a connecting to a communication network; see column 82, lines 50-59; to access a directory);

Requesting authentication via the communication link from the central system for enabling the function on the information handling system (see column 83, lines1-7; a Web client supplying a user name and password; see column 82, lines 55-59; from a directory); and

Upon receipt of the authentication from the central system, enabling the function to be performed independent of the communication link with the central system (see column 82; lines 55-59; granting access to resources after the user provides a correct password).

As per claims 2 and 21, Bowman-Amuah also suggests an identification of the information handling system (see column 83, lines 1-7; Web client name supplied; see column 81, lines 65-67; access limited by network address; see column 82, lines 38-42; encryption and network address translation (NAT)).

As per claims 3 and 22, Bowman-Amuah then points out encrypting the information handling system identification (see column 83, lines 14-20; encrypting name; see column 81, lines 64-67; with access limited by network address).

As per claims 4 and 23, Bowman-Amuah next describes:

receiving the authentication request from the information handling system in the central system (see column 83, lines 1-7; supplying the user name and password to; see column 82, lines 55-59; directory services);

determining if the authentication request is valid (see column 82, lines 57-59; requiring the user to enter the correct password); and

upon validating the authentication request, providing authentication to the information handling system (see column 82, lines 57-59; requiring the correct password before access is granted).

As per claims 5 and 24, Bowman-Amuah moreover points out:

encrypting the authentication (see column 83, lines 14-20; requiring that the user name

and password be encrypted).

As per claims 6 and 25, Bowman-Amuah correspondingly mentions:

upon determining that the authentication is invalid, denying authentication (see column

82, lines 55-59; not granting access if the correct password is not provided).

As per claims 7 and 26, Bowman-Amuah alternatively describes:

upon failure to receive authentication from the central system, disabling the function (see

column 82, lines 57-59; requiring a password before access is granted).

As per claims 8 and 27, Bowman-Amuah further elaborates:

repeating a request a certain number of time before disabling a function (see column 69,

lines 37-40; blocking the client from performing any additional processing until a response is

received).

As per claims 9 and 28, Bowman-Amuah then points out:

terminating the communication link prior to executing at least part of the function (see

column 84, lines 59-63; gracefully terminating a connection for an application)

As per claims 10 and 29, Bowman-Amuah further discusses:

disabling the function after usage of a predetermined number of functions enabled by the authentication has been reached (see column 69, lines 37-40; blocking the client from performing any additional processing until a response is received).

As per claims 11 and 12; and 30 and 31, Bowman-Amuah then describes:

starting the information handling system (see column 97, lines 54-55; customizable server start-up and shutdown).

As per claim 13, Bowman-Amuah also states:

encrypted token passed between the central system and information handling system (see column 83, lines 21-29; digital certificates or virtual tokens that can be encrypted).

As per claim 14, Bowman-Amuah then embodies:

that the token is location independent (see column 83, lines 28-29; a user token for authentication).

As per claim 15, Bowman-Amuah additionally mentions:

that the function is allowed only from a predetermined location (see column 81, lines 66-67; products can limit access by network addresses).

As per claim 16, Bowman-Amuah moreover states:

the token allowing execution for a predetermined number of times (see column 69, lines

37-40; blocking the client from performing any additional processing until a response is

received).

As per claims 17 and 32, Bowman-Amuah then suggests:

loading an operating system (see column 97, lines supports many platforms (all UNIX,

NT, all common client platforms).

As per claims 18 and 19; and 33 and 34, Bowman-Amuah subsequently discusses:

Executing a software application for a predetermined period of time (see column 44, lines

44-50; launching a Java applet until the application shuts down).

As per claims 35 and 50, Bowman-Amuah illustrates information handling systems

comprising:

a processor for executing a program of instructions on the information handling system

(see column 10, lines 43-48; figure 1, item 110; a central processing unit);

a memory coupled to the processor for storing the program of instructions executable by

the processor (see column 10, lines 48-51; figure 1, items 114, 116, and 120; Random Access

Memory, Read Only Memory and disk storage units); and

a communication device coupled to the processor for establishing a communication link

between the information handling system and a central system via a network (see column 10,

lines 55-57; figure 1, item 134; a communication adapter for connecting to a communication

network); and

the program instructions capable of configuring the information handling system to

request authentication from the central system via the communication link for enabling a

function, and upon receipt of authentication from the central system, enabling the function (see

column 82, lines 50-55; authentication services verify network access requests by validating that

the users and verify which functions and data they have access to).

As per claims 36 and 51, Bowman-Amuah also suggests an identification of the

information handling system (see column 83, lines 1-7; Web client name supplied; see column

81, lines 65-67; access limited by network address; see column 82, lines 38-42; encryption and

network address translation (NAT)).

As per claims 37 and 52, Bowman-Amuah then points out encrypting the information

handling system identification (see column 83, lines 14-20; encrypting name; see column 81,

lines 64-67; with access limited by network address).

As per claims 38 and 53, Bowman-Amuah next describes:

receiving the authentication request from the information handling system in the central

system (see column 83, lines 1-7; supplying the user name and password to; see column 82, lines

55-59; directory services);

determining if the authentication request is valid (see column 82, lines 57-59; requiring

the user to enter the correct password); and

upon validating the authentication request, providing authentication to the information

handling system (see column 82, lines 57-59; requiring the correct password before access is

granted).

As per claims 39 and 54, Bowman-Amuah moreover points out:

encrypting the authentication (see column 83, lines 14-20; requiring that the user name

and password be encrypted).

As per claims 50 and 55, Bowman-Amuah correspondingly mentions:

upon determining that the authentication is invalid, denying authentication (see column

82, lines 55-59; not granting access if the correct password is not provided).

As per claims 51 and 56, Bowman-Amuah alternatively describes:

upon failure to receive authentication from the central system, disabling the function (see

column 82, lines 57-59; requiring a password before access is granted).

As per claims 42 and 57, Bowman-Amuah further elaborates:

repeating a request a certain number of time before disabling a function (see column 69,

lines 37-40; blocking the client from performing any additional processing until a response is

received).

As per claims 43 and 58, Bowman-Amuah then points out:

terminating the communication link prior to executing at least part of the function (see

column 84, lines 59-63; gracefully terminating a connection for an application)

As per claims 44 and 59, Bowman-Amuah further discusses:

disabling the function after usage of a predetermined number of functions enabled by the

authentication has been reached (see column 69, lines 37-40; blocking the client from performing

any additional processing until a response is received).

As per claims 45 and 46; and 60 and 61, Bowman-Amuah then describes:

starting the information handling system (see column 97, lines 54-55; customizable

server start-up and shutdown).

As per claims 47 and 62, Bowman-Amuah then suggests:

loading an operating system (see column 97, lines supports many platforms (all UNIX,

NT, all common client platforms).

As per claims 48 and 49; and 63 and 64, Bowman-Amuah subsequently discusses:

Executing a software application for a predetermined period of time (see column 44, lines

44-50; launching a Java applet until the application shuts down).

Telephone Inquiry Contacts

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Justin T. Darrow whose telephone number is (703) 305-3872 and whose electronic mail address is justin.darrow@uspto.gov. The examiner can normally be reached Monday-Friday from 8:30 AM to 5:00 PM.
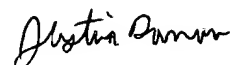
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barrón, Jr., can be reached at (703) 305-1830.

The fax numbers for Formal or Official faxes to Technology Center 2100 are (703) 305-0040 and (703) 872-9306. Draft or Informal faxes for this Art Unit can also be submitted to (703) 746-7240. In order for a formal paper transmitted by fax to be entered into the application file, the paper and/or fax cover sheet must be signed by a representative for the applicant. Faxed formal papers for application file entry, such as amendments adding claims, extensions of time, and statutory disclaimers for which fees must be charged before entry, must be transmitted with an authorization to charge a deposit account to cover such fees. It is also recommended that the cover sheet for the fax of a formal paper have printed "**OFFICIAL FAX**". Formal papers transmitted by fax usually require three business days for entry into the application file and consideration by the examiner. Formal or Official faxes including amendments after final rejection (37 CFR 1.116) should be submitted to (703) 872-9306 for expedited entry into the application file. It is further recommended that the cover sheet for the fax containing an amendment after final rejection have printed not only "**OFFICIAL FAX**" but also "**AMENDMENT AFTER FINAL**".

Any inquiry of a general nature or relating to the status of this application should be

directed to the Group receptionist whose telephone number is (703) 305-3900.

October 1, 2003

JUSTIN T. DARROW
PRIMARY EXAMINER
TECHNOLOGY CENTER 2100